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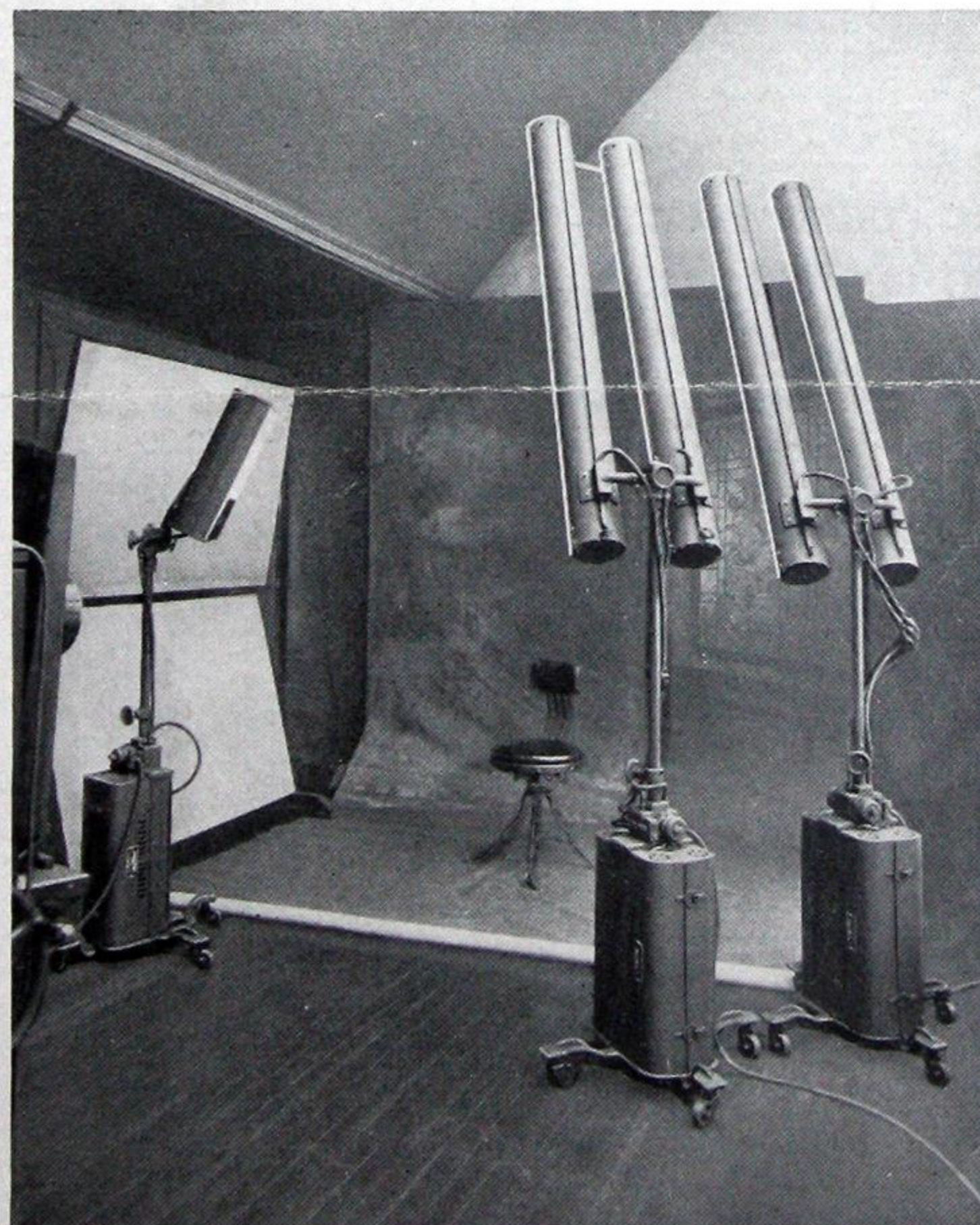
BULLETIN NO. 201B

PHOTOGRAPHIC DIVISION
GENERAL ELECTRIC
VAPOR LAMP COMPANY

HOBOKEN, NEW JERSEY

PHOTOGRAPHIC LAMPS

COOPER HEWITT
STUDIO
LIGHTING
UNITS



THE FRANKLIN INSTITUTE

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COOPER HEWITT LIGHT IS BETTER THAN DAYLIGHT

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COOPER HEWITT STUDIO LIGHTING UNITS

● One of the most important features in the photographic art is light. The best of negative plates, the purest chemicals and most accurate lenses can produce nothing without the use of light of good photographic quality. Daylight, once the standard, has ceased to be of material benefit to the average studio. Modern photography depends primarily on artificial light.

For thirty years Cooper Hewitt light has stood in the forefront as the standard of artificial light for photography. Its high actinic value, soft light and wide diffusion, its uniformity, economy of

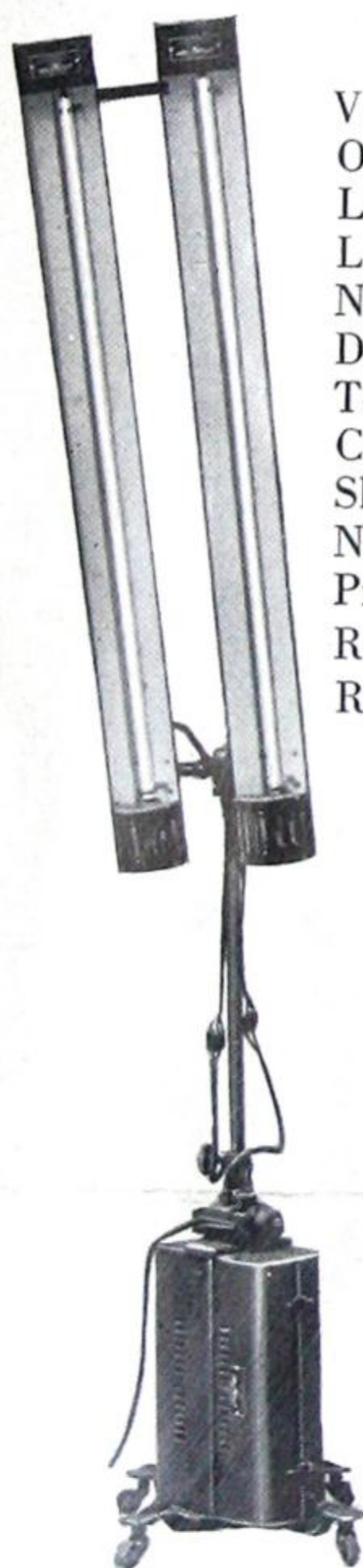
maintenance and current consumption have made it the ideal and standard today.

More quality, detail and speed can be obtained with Cooper Hewitt light per dollar invested and spent for current than with any other form of artificial light.

The average studio is usually equipped with at least four Cooper Hewitt lamps. These may be either four separate units or an assortment of portable units. The single and double tube outfits shown in this bulletin are readily adapted to practically any studio requirement. Easily moved

DIRECT CURRENT UNIT—No. 110—6 PH 5

Voltage Range—Automatic Adjustment	-	-	100-125
Overall dimensions each reflector, inches	-	-	59½ x 5¾
Length and width of each light opening, inches	-	-	51¼ x 5¼
Length of each light source, inches	-	-	50¾
Number of tubes in unit	-	-	2
Distance between tube centers, inches	-	-	10
Total wattage of unit	-	-	770
Current cost per hour at 9c per K. W. hour	-	-	7c
Shipping weight in lbs.	-	-	145
Net weight in lbs.	-	-	84
Price of complete unit	-	-	\$160.00
Renewal tube specification	-	-	110—13T1U1
Renewal tube price, each	-	-	\$12.00



Double Tube Unit
No. 110—6PH 5 with
Reflectors Vertical

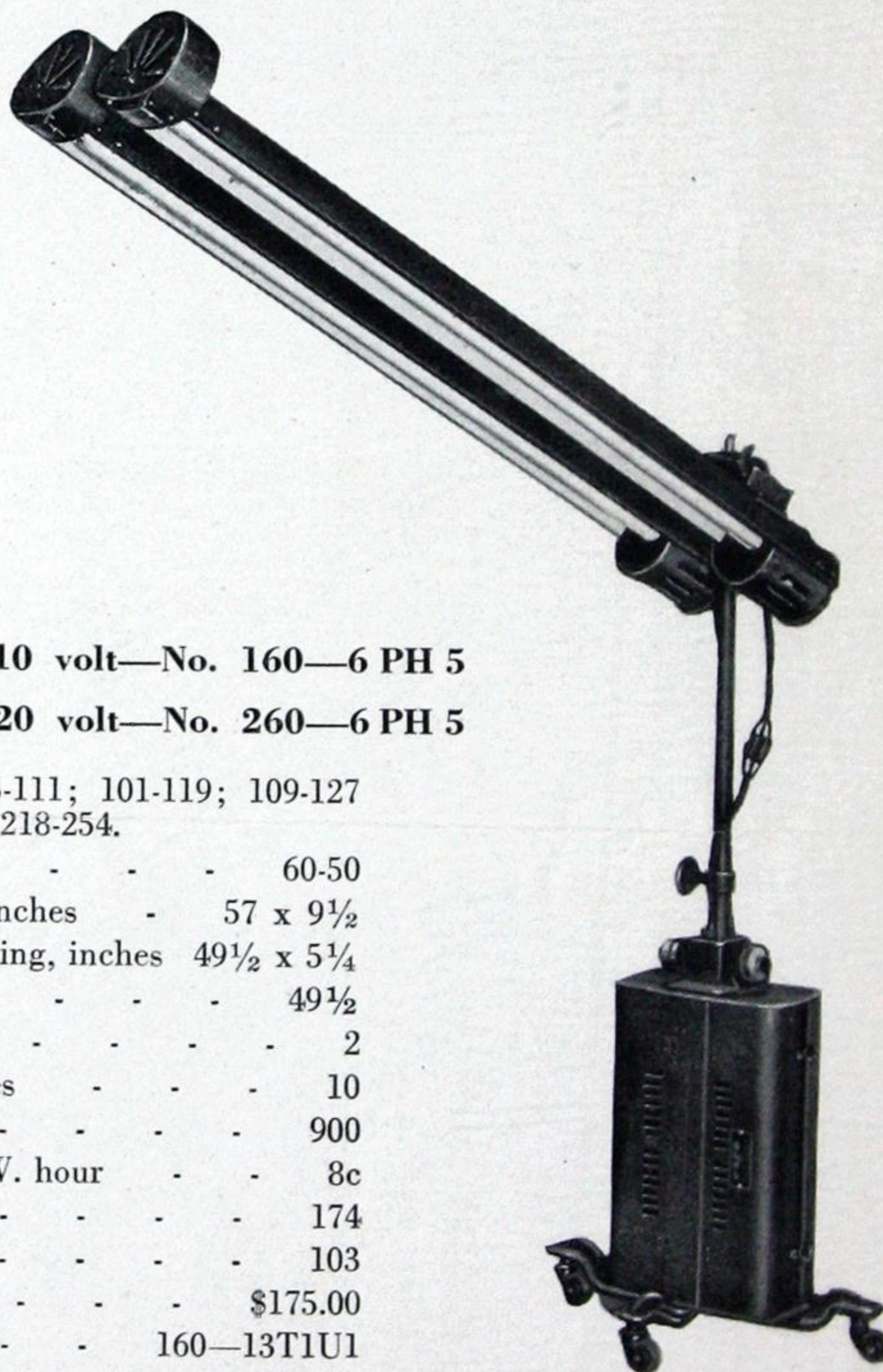
ALTERNATING CURRENT UNIT—110 volt—No. 160—6 PH 5

ALTERNATING CURRENT UNIT—220 volt—No. 260—6 PH 5

Voltage Range—Connections for 93-111; 101-119; 109-127
or 186-222; 202-238; 218-254.

Cycles	-	-	60-50
Overall dimensions, each reflector, inches	-	-	57 x 9½
Length and width of each light opening, inches	-	-	49½ x 5¼
Length of each light source, inches	-	-	49½
Number of tubes in unit	-	-	2
Distance between tube centers, inches	-	-	10
Total wattage of unit	-	-	900
Current cost per hour at 9c per K. W. hour	-	-	8c
Shipping weight in lbs.	-	-	174
Net weight in lbs.	-	-	103
Price of complete unit	-	-	\$175.00
Renewal tube specification	-	-	160—13T1U1
Renewal tube price, each	-	-	\$12.00

NOTE—Units for operation on 110 or 220 volts, 25-40 cycles, can be obtained. Prices and specifications furnished on request.



Double Tube Unit
No. 160—6PH 5 with
Reflectors at Angle

COOPER HEWITT LIGHT TAKES LESS CURRENT

COOPER HEWITT STUDIO LIGHTING UNITS

and adjusted, they may be made to serve the most complicated individual scheme or so spread as to adequately cover a large group.

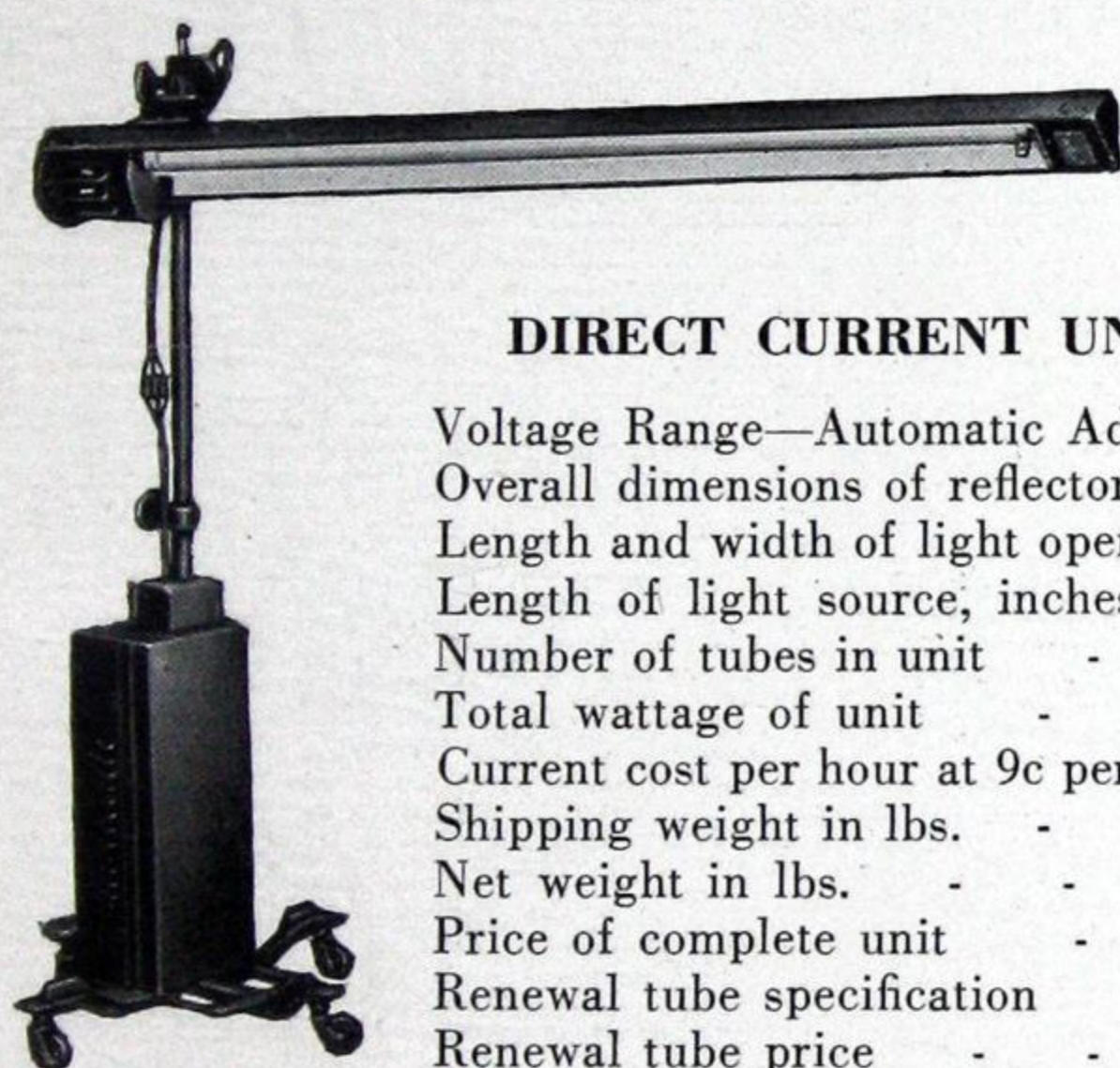
In addition to the regular studio units, many photographers add one or more of the bent tube units to provide for concentrated light used in obtaining special lighting effects.

The units shown in this bulletin are part of a line developed for studio lighting. They are attractive in appearance, flexible in adjustment and provide for excellent control of light.

The single and double tube units may be ad-

justed for any reflector positions from horizontal to vertical. The automatically balanced tilting mechanism, a new development not found in other lamps, makes possible rapid and easy adjustment.

The reflectors and tilting mechanism are mounted on an adjustable shaft which permits the center of the tubes to be set anywhere from four feet to six feet and a quarter from the floor when the reflector is set 45° with the floor. This gives a height of $7\frac{1}{2}$ feet at the top of the tube. With the tube vertical a maximum height of $8\frac{1}{2}$ feet can be obtained.



Single Tube Unit No.
110-6PH3 with Reflector
in Horizontal Position

DIRECT CURRENT UNIT—No. 110—6 PH 3

Voltage Range—Automatic Adjustment	-	-	100-125
Overall dimensions of reflector, inches	-	-	$59\frac{1}{2} \times 5\frac{3}{4}$
Length and width of light opening, inches	-	-	$51\frac{1}{4} \times 5\frac{1}{4}$
Length of light source, inches	-	-	$50\frac{3}{4}$
Number of tubes in unit	-	-	1
Total wattage of unit	-	-	385
Current cost per hour at 9c per K. W. hour	-	-	$3\frac{1}{2}c$
Shipping weight in lbs.	-	-	124
Net weight in lbs.	-	-	68
Price of complete unit	-	-	\$85.00
Renewal tube specification	-	-	110-13 T1U1
Renewal tube price	-	-	\$12.00

Extension assemblies to raise reflectors to eight and one-half feet from center to floor can be supplied at \$10.00 each, for both single and double tube units.

ALTERNATING CURRENT UNIT—110 volt—No. 160—6 PH 3

ALTERNATING CURRENT UNIT—220 volt—No. 260—6 PH 3

Voltage Range—Connections for 93-111; 101-119; 109-127 or 186-222; 202-238; 218-254.

Cycles	-	-	60-50
Overall dimensions of reflector, inches	-	-	$57 \times 9\frac{1}{2}$
Length and width of light opening, inches	-	-	$49\frac{1}{2} \times 5\frac{1}{4}$
Length of each light source, inches	-	-	$49\frac{1}{2}$
Number of tubes in unit	-	-	1
Total wattage of unit	-	-	450
Current cost per hour at 9c per K. W. hour	-	-	4c
Shipping weight in lbs.	-	-	137
Net weight in lbs.	-	-	80
Price of complete unit	-	-	\$100.00
Renewal tube specification	-	-	160-13T1U1
Renewal tube price	-	-	\$12.00

NOTE—Units for operation on 110 or 220 volts, 25-40 cycles, can be obtained. Prices and specifications furnished on request.



Unit No. 110-6PH3
with Reflector Vertical

COOPER HEWITT LIGHT IS FASTER

MR. EDWARD THAYER MONROE, *whose well known studio is located at 45 West 46th Street, New York City, says:*

"Without doubt Cooper Hewitt gives the most dependable light for photography. Where, with other types I have tried, the light falls off in actinic power at different distances from the subject, Cooper Hewitt *carries on*. Steady and even, it does not flicker—and there is no glare to cause eye-strain or unnatural expressions to appear on the subject's face.

"Moreover, there is no effect that cannot be secured with it. Its range includes the strength of brilliant sunlight or the mellowness of the softest shadow. I consider that I am paying the highest tribute when I say that its dependability is such that it enables you to dismiss the light from your mind and concentrate all your attention on the fine art of portraiture."

**GENERAL  ELECTRIC
VAPOR LAMP COMPANY**